

Δημοσιεύσεις ENSSTRAM

1. Melissianos, V.E. and Gantes, C.J., "Earthquake Induced Upheaval Buckling of Buried Pipelines with Flexible Joints", *2ECEES - 2nd European Conference on Earthquake Engineering and Seismology*, M.A. Ansal and M. Nurlu (eds.), Istanbul, Turkey, Aug. 25-29, 2014.
2. Karamitros, D., Bouckovalas, G.D. and Zoupantis, C., "An Analytical Method for Active Fault Verification of Buried Steel Pipelines with Bends", *2ECEES - 2nd European Conference on Earthquake Engineering and Seismology*, M.A. Ansal and M. Nurlu (eds.), Istanbul, Turkey, Aug. 25-29, 2014.
3. Melissianos, V.E. and Gantes, C.J., "Upheaval Buckling of Onshore Buried Steel Pipelines with Flexible Joints", *IASS-SLTE 2014 Symposium*, Brasilia, Brazil, Sep. 15-19, 2014.
4. Μελισσιανός, Β.Ε., Γαντές, Χ.Ι. και Καλφαντής Π.Π., "Αξιολόγηση Κινδύνου Καθολικού Λυγισμού Υπόγειων Μεταλλικών Αγωγών λόγω Ενεργοποίησης Ανάστροφου Σεισμικού Ρήγματος", *8^ο Εθνικό Συνέδριο Μεταλλικών Κατασκευών*, Τρίπολη, 2-4 Οκτ. 2014.
5. Βερνάρδος, Σ.Μ. και Γαντές, Χ.Ι., "Προκαταρκτική Διερεύνηση Εφικτότητας Κελυφών Τύπου Sandwich για Πυλώνες Ανεμογεννητριών", *8^ο Εθνικό Συνέδριο Μεταλλικών Κατασκευών*, Τρίπολη, 2-4 Οκτ. 2014.
6. Melissianos, V.E. and Gantes, C.J., "On the Efficiency of Flexible Joints in Mitigating the Consequences of Seismic Fault Activation on Buried Pipelines", *ARC'14 - Qatar Foundation Annual Research Conference*, Doha, Qatar, 18-19 Nov. 2014.
7. Melissianos, V.E. and Gantes, C.J., "Failure Mitigation of Buried Steel Pipeline under Strike-Slip Fault Offset Using Flexible Joints", *SECED 2015 Conference: Earthquake Risk and Engineering towards a Resilient World*, Cambridge, U.K., 9-10 July 2015.
8. Vernardos, S. and Gantes, C.J., "Cross-Section Optimization of Sandwich-Type Cylindrical Wind Turbine Towers", *American Journal of Engineering and Applied Sciences*, Vol. 8, Issue 4, pp. 471-480, 2015.
9. Gantes, C.J., Bouckovalas, G.D., Melissianos, V.E. and Valsamis, A., "Pipeline - Fault Crossing: Structural Considerations on the Use of Flexible Joints for Mitigating a Potential Failure", *Jubilee Volume - Andreas Anagnostopoulos: 50 Years of Service at the National Technical University of Athens*, Athens, 2015.
10. Melissianos, V.E. and Gantes, C.J., "Buckling and Post-buckling Behavior of Beams with Internal Flexible Joints Resting on Elastic Foundation Modeling Buried Pipelines", *Structures*, Vol. 7, pp. 138-152, Aug. 2016.
11. Melissianos, V.E., Korakitis, G.P., Gantes, C.J. and Bouckovalas, G.D., "Numerical Evaluation of the Effectiveness of Flexible Joints in Buried Pipelines Subjected to Strike-Slip Fault Rupture", *Soil Dynamics and Earthquake Engineering*, Vol. 90, pp. 395-410, Nov. 2016.
12. Gantes, C.J. and Melissianos, V.E., "Evaluation of Seismic Protection Methods for Buried Fuel Pipelines Subjected to Fault Rupture", *Frontiers in Built Environment*, Vol. 2, Article 34, 2016.
13. Melissianos, V.E., Lignos, X.A., Bachas, K.K. and Gantes, C.J., "Experimental Investigation of Pipes with Flexible Joints under Fault Rupture", *Journal of Constructional Steel Research*, Vol. 128, pp. 633-648, Jan. 2017.
14. Melissianos, V.E. and Gantes, C.J., "Numerical Modeling Aspects of Buried Pipeline - Fault Crossing", *Computational Methods in Earthquake Engineering - Vol. 3*, edited by M. Papadrakakis, V. Plevris and N.D. Lagaros, *Computational Methods in Applied Sciences 44*, Springer Verlag, 2017.
15. Melissianos, V.E., Vamvatsikos, D. and Gantes, C.J., "Performance-Based Assessment of Protection Measures for Buried Pipes at Strike-Slip Fault Crossings", *Soil Dynamics and Earthquake Engineering*, Vol. 101, pp. 1-11, Oct. 2017.
16. Valsamis, A.I., Bouckovalas, G.D. and Gantes, C.J., "Alternative Design of Buried Pipelines at Active Fault Crossings Using Flexible Joints", *International Journal of Pressure Vessels and Piping*, Vol. 180, 104038, Jan. 2020.